



## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/017372

Box No. I

Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-6 \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. \_\_\_\_\_ as originally filed/furnished
- nos.\* 1 \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets Fig. 1-4 \_\_\_\_\_ as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☒ the claims, nos. 2 \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	<u>1</u>	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	<u>1</u>	NO
Industrial applicability (IA)	Claims	<u>1</u>	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
Document 1: DE 10207248 A1			
Document 2: JP 2000-186767 A1			
Document 3: JP 2000-170703 A1			
Document 4: JP 2003-074503 A1			
<p>Using a metal bellows as the bellows for an accumulator, fixing the end cover of an accumulator to a housing by welding, and fixing a metal bellows to the end cover of an accumulator, are known design methods, as set forth in documents 2, 3 and 4, therefore it would be easy for a person skilled in the art to employ the aforementioned known features to the accumulator set forth in fig. 1 of document 1 cited in the international search report.</p> <p>Moreover, in the accumulator set forth in document 1, the internal space of the lid 17 is filled with a member having a mesh added (not assigned a reference symbol in fig. 1) to eliminate dead space, therefore the accumulator set forth in document 1 "has a spacer attached by inserting into the space formed by a straight line joining both sides of the end of a metal bellows" in the same way as the invention set forth in claim 1 of this application, and has the same configuration wherein</p>			

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

"no dead space is formed between the gas end cover and the spacer".

Document 4 indicates that a spacer is inserted only in "the space formed by a straight line joining both sides of the end part of a metal bellows".